c - Bolt, machine

Applicable Specification: ANSI C135.1, "Standards for Galvanized Steel Bolts and Nuts" except that the lengths are in the ranges given below.

Applicable Sizes: 1/2 inch diameter, 6 through 10 inch length

5/8 inch diameter, 6 through 24 inch length 3/4 inch diameter, 6 through 26 inch length 7/8 inch diameter, 6 through 28 inch length

The following manufacturers have shown compliance with the applicable specifications for machine bolts:

Allied Bolt, Inc. Hughes Brothers

- * Joslyn Manufacturing Company Kortick Manufacturing Company MacLean (Continental)
- * Portland Bolt & Manufacturing Company The Rockford Bolt & Steel Company Steel City Bolt & Screw Co., Inc.

^{*&}quot;Static proof" design available.

n - Bolt, double arming

Applicable Specification: ANSI C135.1, "Standard for Galvanized Steel Bolts and Nuts."

Applicable Sizes: 5/8 inch diameter, 12 inch through 24 inch length

3/4 inch diameter, 20 inch through 24 inch length

The following manufacturers have shown compliance with the applicable specifications for double arming bolts:

Allied Bolt, Inc.
Hubbell (Chance)
Hughes Brothers

* Joslyn Manufacturing Company
Kortick Manufacturing Company
MacLean (Continental)
Portland Bolt & Manufacturing Company
Steel City Bolt & Screw Co., Inc.

*"Static proof" designs available.

al - Staples, ground wire

Applicable Specification: ANSI C135.14, "Standards for Staples with Rolled or Slash Points"

11		,		
Length x Spread (inches)	1-1/2 x 1/4	2 x 1/2	1-1/2 x 3/8	3 x 1-1/16
Diameter	9 gauge Galv. Steel	8 gauge Galv. Steel	8 gauge Copper-Coated	1/4 Moulding
Apollo Copperweld Southern	AP52I-S1672G	AP521-S1570 CP52	AP501-S6652	AP500-S6497
FWC	FW1672G	FW157	FW6652	FW6497
Hubbell (Chance)	C205-0247	C205-0216	9167	9161
Joslyn	J1672G	J157	J6652	J6497
Kortick	-	-	K247	K236
L & J Industrial Stples	C1525148-G	D2050162-G	C1538162-C	D3090250-C
Larson		350453	750233	721312
Lindsey	10248	-	-	10270
Redmore Products	SCSG1525148	SDSG2050162	SCCC1538162	SDSG3090250
MacLean (Continental)	U88	U86	U48	U46
	5			
	Barbed	staples, ground win	re	
Length x Spread	1-1/2 x 3/8	2 x 5/8	1-1/2 x 3/8	3 x 1-1/16
(inches)				
	.131	.165	.140	7/32
(inches)				
(inches) Diameter	.131 Galv. Steel	.165 Galv. Steel	.140	7/32
(inches)	.131 Galv. Steel AP520-57488HTG	.165 Galv. Steel	.140	7/32
(inches) Diameter Apollo	.131 Galv. Steel AP520-57488HTG	.165 Galv. Steel AP50I-S66525	.140 Copper-Coated	7/32 Galv. Steel
(inches) Diameter Apollo Hubbell Power System	.131 Galv. Steel AP520-57488HTG as C205-0460	.165 Galv. Steel AP50I-S66525 C205-0463	.140 Copper-Coated - C205-0464	7/32 Galv. Steel - C205-0462
(inches) Diameter Apollo Hubbell Power System Joslyn	.131 Galv. Steel AP520-57488HTG as C205-0460	.165 Galv. Steel AP50I-S66525 C205-0463 J7672	.140 Copper-Coated - C205-0464 J7682	7/32 Galv. Steel - C205-0462 J7664
(inches) Diameter Apollo Hubbell Power System Joslyn	.131 Galv. Steel AP520-57488HTG as C205-0460	.165 Galv. Steel AP50I-S66525 C205-0463 J7672 TDSG206318	.140 Copper-Coated - C205-0464 J7682	7/32 Galv. Steel - C205-0462 J7664
(inches) Diameter Apollo Hubbell Power System Joslyn	.131 Galv. Steel AP520-57488HTG C205-0460 J7656	.165 Galv. Steel AP50I-S66525 C205-0463 J7672 TDSG206318	.140 Copper-Coated - C205-0464 J7682	7/32 Galv. Steel - C205-0462 J7664
(inches) Diameter Apollo Hubbell Power System Joslyn Redmore Products Length x Spre	.131 Galv. Steel AP520-57488HTG C205-0460 J7656 - Sta	.165 Galv. Steel AP50I-S66525 C205-0463 J7672 TDSG206318 7 ples, alumoweld	.140 Copper-Coated - C205-0464 J7682 TCCC1538162	7/32 Galv. Steel - C205-0462 J7664
(inches) Diameter Apollo Hubbell Power System Joslyn Redmore Products Length x Spre. (inches)	.131 Galv. Steel AP520-57488HTG C205-0460 J7656 - Sta	.165 Galv. Steel AP50I-S66525 C205-0463 J7672 TDSG206318 7 ples, alumoweld	.140 <u>Copper-Coated</u> - C205-0464 J7682 TCCC1538162	7/32 Galv. Steel - C205-0462 J7664 TDSG3090250
(inches) Diameter Apollo Hubbell Power System Joslyn Redmore Products Length x Spre	.131 Galv. Steel AP520-57488HTG C205-0460 J7656 - Sta	.165 Galv. Steel AP50I-S66525 C205-0463 J7672 TDSG206318 7 ples, alumoweld	.140 <u>Copper-Coated</u> - C205-0464 J7682 TCCC1538162	7/32 Galv. Steel - C205-0462 J7664 TDSG3090250
(inches) Diameter Apollo Hubbell Power System Joslyn Redmore Products Length x Spre. (inches)	.131 Galv. Steel AP520-57488HTG C205-0460 J7656 - Sta ad 2 x 1/ 8 gauge AP531-S6	.165 Galv. Steel AP50I-S66525 C205-0463 J7672 TDSG206318 7 ples, alumoweld 2 1-1/2 ge 8 ga	.140 Copper-Coated - C205-0464 J7682 TCCC1538162 2 x 3/8 3 x auge 1/4 x S6652AL AP530	7/32 Galv. Steel - C205-0462 J7664 TDSG3090250

Clip, ground wire

Kearney/Cooper Power Systems

12326

cu - Brace, crossarm, wood

Span, inches	60	60
Drop, inches	18	30
Aluma-Form	6018	6030
Barfield Mfg.	BAR-6018	BAR-6030
Brooks	446-60-18	446-60-30
Cox Industries	C-6018	C-6030
Dis-Tran	DT-60R	-
Hatheway Patterson	320-R	325-R
Hughes Brothers	2045-CC	2045-D
Joslyn	J4760R	J4730RW
Pennington	15018	15030
Utilities Structures Eng. Inc.	CU-60-18	CU-60-30

Braces listed below have 26-inch hole spacing. They are to be used in place of the flat steel braces previously listed on page h.

Aluma-Form	AF626
Barfield Mfg.	BAB-626
Brooks	58128
Hatheway Patterson	7026
Hughes Brothers	2023
Joslyn	J5526

Brace, crossarm, fiber reinforced plastic

Dulmison	CAB-28
Hughes Brothers	533
MacLean (Continental)	CRB-28

U gu - Power Pedestal (Below-Grade) Refer to Drawing UK6

Applicable Specifications: "RUS Specifications for Secondary Power Pedestals," U-6

Manufacturer	Catalog No.
Armorcast	Polymer concrete frame and cover with fiberglass reinforced polyester skirting 6001 Series. P600XXXXA Rotocast Series, molded polyethylene with penta-head bolt
Associated Plastics	Molded polyethylene with galvanized steel or plastic cover Catalog Nos. 1730-1, 3; 1324-1, 3
<u>Blackburn</u>	Molded polyethylene with galvanized steel cover and ground lug. Catalog No. SDR-2PG
<u>Burndy</u>	Molded polyethylene with galvanized steel cover. Catalog No. URD20G23
Carson	Molded polyethylene with plastic cover Catalog No. 1324-12B and 1730-12B H910, HLW1212, H1118, H1324, H1730, H1730, H2436, H3048, HH3060
CDR Systems (Homac)	Fiber reinforced polymer concrete - PA Series with penta-head bolts
Christy Concrete	Polyester reinforced plastic - Series FL8TRCBOX, FL9TRCBOX, FL30TRCBOX, FL36TRCBOX, SYN1118TBOX, SYN1212TBOX, SYN1324TBOX, SYN1730TBOX, SYN2436TBOX, SYN3048TBOX, and SYN3660TBOX
<u>Dexol</u>	HDPE, DX-101, DX-102 ABS, DX-101HD, DX-102HD
Electrimold	Polymer concrete ring and cover with fiberglass reinforced skirting ECAB series.
	Boxes EPBTH,EPBA series
Highline Products	FHH Series, Fiberglass CHA Series, Fiberglass polymer concrete hybrid
<u>Hubbell (Fargo)</u>	HDPE, B-100R Series ABS, B-200R Series HL51